



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ :

H04Q 7/22, H04M 7/00

A1

(11) International Publication Number:

WO 00/24210

(43) International Publication Date:

27 April 2000 (27.04.00)

(21) International Application Number: PCT/FI99/00868

(22) International Filing Date: 19 October 1999 (19.10.99)

(30) Priority Data:

982283

21 October 1998 (21.10.98)

FI

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(81) Designated States: AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), DM, EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: DIGITAL TELECOMMUNICATION SYSTEM

(57) Abstract

A digital telecommunication system wherein the telecommunications centres of the calling and called terminal are arranged to perform handshaking concerning the speech codec used by the terminals. Depending on the link between the telecommunications centres, the telecommunications centres are arranged to connect call connections past a transcoder unit or to control the transcoder units to let encoded speech through without speech encoding operations in such a way that speech encoding and decoding are carried out only in the terminals. Handshaking between the telecommunications centres is carried out as outband signalling.

